

Express Mail No. ER 495531594 US

Deposited on: 05/05/2004

PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

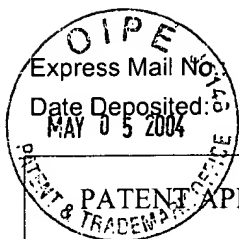
TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/270,128
	Filing Date	03/16/1999
	First Named Inventor	Thomas R. Miller
	Group Art Unit	2123
	Examiner Name	K. Thangavelu
Total Number of Pages in This Submission	Attorney Docket Number	94.0016

ENCLOSURES <i>(check all that apply)</i>		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> See remarks below
RECEIVED MAY 07 2004 Technology Center 2100		
Remarks 1. Transmittal Form (1 page); 2. Fee Transmittal Form (1 page); 3. Fee Determination Record (1 page); 4. Request for Continued Examination (1 page); 5. Petition for Extension of Time (1 page); 6. Amendment and Response to the Office Action dated 11/05/2003 (26 pages); 7. Substitute Specification (61 pages); 8. Redline Specification (75 pages); 9. Postcard.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Danita J.M. Maseles Schlumberger Information Solutions, 5599 San Felipe, Suite 1208, Houston, Texas 7705
Signature	
Date	May 5, 2004

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail or U.S. Express mail no. ER 495531594 US in an envelope addressed to the address below on this date: 05/05/2004		
Typed or printed name	Danita J.M. Maseles, Reg. No. 33,419	
Signature		Date May 5, 2004

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ER 495531594 US

05/05/2004

Approved for use through 10/31/2002. OMB 0651-0032
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PTO/SB/06 (08-00)

PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number

09/270,128 94.0016

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	* 0
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	* 0
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))		0

RATE	FEE
	\$ 0
x \$ 9 =	
x 42 =	0
+ 140 =	0
TOTAL	0

RATE	FEE
	\$ 0
x \$ 18 =	0
x 84 =	0
+ 280 =	0
TOTAL	0

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	*	Minus	** 20	=	0
Independent (37 CFR 1.16(b))	*	Minus	*** 3	=	0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					

RATE	ADDI- TIONAL FEE
x \$ 9 =	0
x 42 =	0
+ 140 =	0
TOTAL ADDIT. FEE	0

RATE	ADDI- TIONAL FEE
x \$ 18 =	0
x 84 =	0
+ 280 =	0
TOTAL ADDIT. FEE	0

(Column 1)

(Column 2)

(Column 3)

ADDIT. FEE

ADDIT. FEE

AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	*	Minus	**	=	
Independent (37 CFR 1.16(b))	*	Minus	***	=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					

RATE	ADDI- TIONAL FEE
x \$ 9 =	0
x 42 =	0
+ 140 =	0
TOTAL ADDIT. FEE	0

RATE	ADDI- TIONAL FEE
x \$ 18 =	0
x 84 =	0
+ 280 =	0
TOTAL ADDIT. FEE	0

(Column 1)

(Column 2)

(Column 3)

ADDIT. FEE

ADDIT. FEE

AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	*	27	Minus	** 27	=
Independent (37 CFR 1.16(b))	*	8	Minus	*** 8	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					

RATE	ADDI- TIONAL FEE
x \$ 9 =	0
x 42 =	0
+ =	0
TOTAL ADDIT. FEE	0

RATE	ADDI- TIONAL FEE
x \$ 18 =	0
x 84 =	0
+ 280 =	0
TOTAL ADDIT. FEE	0

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

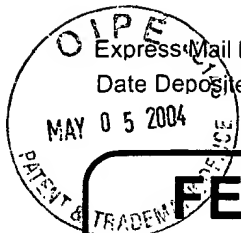
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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Express Mail No.:
Date Deposited:

ER 495531594 US
05/05/2004

PTO/SB/17 (10-02)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,720

Complete if Known

Application Number 09/270,128
Filing Date 03/16/1999
First Named Inventor Thomas R. Miller
Examiner Name K. Thangavelu
Art Unit 2123
Attorney Docket No. 94.0016

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METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ None

☒ Deposit Account:

Deposit
Account
Number
Deposit
Account
Name

07-1078

Schlumberger Information Solutions

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	** =	X	= \$0
Multiple Dependent	** =	X	= \$0

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	950
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	770
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 1,720

SUBMITTED BY

(Complete if applicable)

Name (Print/Type) Danita J.M. Masales

Registration No. 33,419
(Attorney/Agent)

Telephone (713) 513-2515

Signature

Date 05/05/2004

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